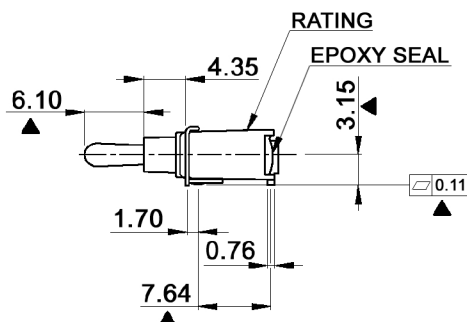
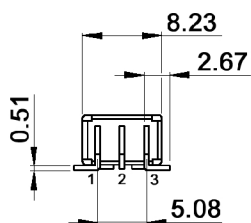
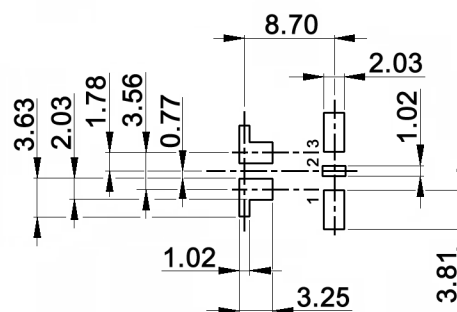


Toggle shown in pos. 1

### P.C. MOUNTING



### CONTACT ARRANGEMENT:

| code for x | function | toggle<br>in position 1 | toggle<br>opposite to pos. 1 |
|------------|----------|-------------------------|------------------------------|
| D          | On-On    | 2-3                     | 1-2                          |
| F          | On-Mom   |                         |                              |

| code for x | function    | toggle<br>in position 1 | toggle<br>in center | toggle<br>opposite |
|------------|-------------|-------------------------|---------------------|--------------------|
| E          | On-Off-On   | 2-3                     | open                | 1-2                |
| G          | Mom-Off-Mom |                         |                     |                    |
| H          | On-Off-Mom  |                         |                     |                    |

### SWITCH RATING:

| code for y | contacts and terminals                                    | rating AC with real load | rating DC with real load |
|------------|-----------------------------------------------------------|--------------------------|--------------------------|
| empty      | silver-plated over nickel                                 | 1A/250V, 3A/120V         | 3A/28V                   |
| B          | gold-plated over nickel                                   | 0.4VA/20V                | 0.4VA/20V                |
| S          | silver-plated over nickel, terminals tin-plated           | 1A/250V, 3A/120V         | 3A/28V                   |
| T          | gold-plated over silver over nickel, terminals tin-plated | 1A/250V, 3A/120V         | 3A/28V                   |
| G          | gold-plated over silver over nickel                       | 1A/250V, 3A/120V         | 3A/28V                   |

obsolete 2013 June



|                                           |       |      |                       |      |                   |      |     |
|-------------------------------------------|-------|------|-----------------------|------|-------------------|------|-----|
| Tolerances: 0.00: ±0.25mm<br>0.0: ±0.40mm |       |      | Date                  | Name | <b>SST 1 xy-R</b> |      |     |
|                                           |       |      | 03/06                 | dr   |                   |      |     |
| Revised                                   | 02/14 | dr   |                       |      |                   |      |     |
| Specifications                            | 07/13 | dr   |                       |      |                   |      |     |
| Switch rating                             | 12/11 | dr   |                       |      | <b>30 08 36</b>   |      |     |
| Contact arrangement                       | 10/09 | dr   |                       |      |                   |      |     |
| Switch rating                             | 10/09 | dr   | <b>knitter-switch</b> |      |                   | Page | 1/2 |
| P.C.B. Layout                             | 10/07 | dr   |                       |      |                   |      |     |
| Modifications                             | Date  | Name |                       |      |                   |      |     |

|                        |                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact resistance:    | 20mOhm max. at 2-4V DC                                                                                                                                       |
| Insulation resistance: | 1 000MOhm min.                                                                                                                                               |
| Dielectric strength:   | 1 000V RMS                                                                                                                                                   |
| Operating temperature: | -30°C to +85°C                                                                                                                                               |
| Mechanical life:       | 30 000 make-and-break cycles                                                                                                                                 |
| IP rating:             | IP 67                                                                                                                                                        |
| Material:              | Case / bushing: glass filled nylon 6/6, flame retardant,<br>heat stabilized (UL94V-0)<br>Actuator: brass, chrome plated<br>Switch support: brass, tin plated |

**IR-reflow soldering**

Temperature (°C)

Time (sec.)

25

$T_P$

$T_L$

Max. ramp up rate = 3°C/sec.  
Max. ramp down rate = 6°C/sec.

$T_{S \max}$

$T_{S \min}$

Pre-heat area

$t_P$

$t_L$

$t_S$

Time 25°C to peak

$T_C - 5^\circ\text{C}$

$T_P = 260^\circ\text{C}$   
 $t_P = 10\text{sec. max.}$

$T_L = 217^\circ\text{C}$   
 $t_L = 90\text{sec. max.}$

$T_{S \max} = 200^\circ\text{C}$   
 $T_{S \min} = 150^\circ\text{C}$   
 $t_S = 120\text{sec. max.}$



|                                           |      |      |                       |      |             |
|-------------------------------------------|------|------|-----------------------|------|-------------|
| Tolerances: 0.00: ±0.25mm<br>0.0: ±0.40mm |      |      | Date                  | Name | SST 1 xy-R  |
|                                           |      |      | 03/06                 | dr   |             |
|                                           |      |      |                       |      |             |
|                                           |      |      |                       |      |             |
|                                           |      |      |                       |      |             |
|                                           |      |      | <b>knitter-switch</b> |      | 30 08 36    |
|                                           |      |      |                       |      |             |
|                                           |      |      |                       |      |             |
|                                           |      |      |                       |      |             |
| Modifications                             | Date | Name |                       |      | Page<br>2/2 |